

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: <b>Papathanassiu et al.</b>	)	
Application No. <b>To be Assigned</b>	)	Examiner: <b>To be assigned</b>
Filed: <b>January 22, 2001</b>	)	
	)	Art. Unit: <b>To be assigned</b>
For: <b>Compositions and Methods</b>	)	
<b>For Inhibiting Cellular</b>	)	
<b>Proliferation</b>	)	

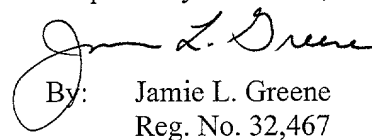
TRANSMITTAL OF SEQUENCE LISTING UNDER 37 C.F.R. § 1.821(e)

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Applicants hereby submit a paper copy of the Sequence Listing for the application filed currently herewith. Pursuant to 37 C.F.R. § 1.821(e), a computer readable form is not included. The paper copy submitted herewith is identical to both the paper copy and the computer readable form that were previously submitted on January 11, 1999 in related U.S. Patent Application No. 09/227,955. Also pursuant to 37 C.F.R. § 1.821, no new matter, pertaining to the sequences as originally filed, has been added.

Respectfully submitted,

  
By: Jamie L. Greene  
Reg. No. 32,467

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Our Docket: 05213-0294 (KS # 43170-252538)

## SEQUENCE LISTING

## (1) GENERAL INFORMATION:

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(i) APPLICANT: Papathanassiou, Adonia E  
Green, Shawn J.

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(ii) TITLE OF INVENTION: Compositions and Methods for  
Inhibiting Cellular Proliferation

(iii) NUMBER OF SEQUENCES: 2

15

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Jones & Askew  
(B) STREET: 191 Peachtree Street, 37th Floor  
(C) CITY: Atlanta  
(D) STATE: Georgia  
(E) COUNTRY: U.S.A.  
(F) ZIP: 30303

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(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

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(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US  
(B) FILING DATE:  
(C) CLASSIFICATION:

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(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Greene, Jamie L.  
(B) REGISTRATION NUMBER: 32,467  
(C) REFERENCE/DOCKET NUMBER: 05213-0290

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(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (404) 818-3700  
(B) TELEFAX: (404) 818-3799

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## (2) INFORMATION FOR SEQ ID NO:1:

- 5 (i) SEQUENCE CHARACTERISTICS:  
    (A) LENGTH: 276 amino acids  
    (B) TYPE: amino acid  
    (C) STRANDEDNESS: single  
    (D) TOPOLOGY: linear
- 10 (ii) MOLECULE TYPE: protein
- (iii) HYPOTHETICAL: NO
- 15 (iv) ANTI-SENSE: NO
- (v) FRAGMENT TYPE: N-terminal
- (vi) ORIGINAL SOURCE:  
    (A) ORGANISM: Homo sapiens
- 20 (ix) FEATURE:  
    (A) NAME/KEY: Active-site  
    (B) LOCATION: 2..3  
    (D) OTHER INFORMATION: /note= "Site of partial  
25 phosphorylation"
- (ix) FEATURE:  
    (A) NAME/KEY: Active-site  
    (B) LOCATION: 117..118  
30 (D) OTHER INFORMATION: /note= "Potential site for N-linked  
glycosylation"
- (ix) FEATURE:  
    (A) NAME/KEY: Active-site  
35 (B) LOCATION: 167..168  
    (D) OTHER INFORMATION: /note= "Potential site for N-linked  
glycosylation"
- (ix) FEATURE:  
    (A) NAME/KEY: Active-site  
40 (B) LOCATION: 228..229  
    (D) OTHER INFORMATION: /note= "Potential site for N-linked  
glycosylation"
- 45 (ix) FEATURE:  
    (A) NAME/KEY: Domain  
    (B) LOCATION: 26..76  
    (D) OTHER INFORMATION: /label= Kunitz-1

## (ix) FEATURE:

(A) NAME/KEY: Domain

(B) LOCATION: 97..147

(D) OTHER INFORMATION: /label= Kunitz-2

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## (ix) FEATURE:

(A) NAME/KEY: Domain

(B) LOCATION: 189..239

(D) OTHER INFORMATION: /label= Kunitz-3

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## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

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Asp Ser Glu Glu Asp Glu Glu His Thr Ile Ile Thr Asp Thr Glu Leu  
 1 5 10 15

Pro Pro Leu Lys Leu Met His Ser Phe Cys Ala Phe Lys Ala Asp Asp  
 20 25 30

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Gly Pro Cys Lys Ala Ile Met Lys Arg Phe Phe Phe Asn Ile Phe Thr  
 35 40 45

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Arg Gln Cys Glu Glu Phe Ile Tyr Gly Gly Cys Glu Gly Asn Gln Asn  
 50 55 60

Arg Phe Glu Ser Leu Glu Glu Cys Lys Lys Met Cys Thr Arg Asp Asn  
 65 70 75 80

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Ala Asn Arg Ile Ile Lys Thr Thr Leu Gln Gln Glu Lys Pro Asp Phe  
 85 90 95

Cys Phe Leu Glu Glu Asp Pro Gly Ile Cys Arg Gly Tyr Ile Thr Arg  
 100 105 110

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Tyr Phe Tyr Asn Asn Gln Thr Lys Gln Cys Glu Arg Phe Lys Tyr Gly  
 115 120 125

Gly Cys Leu Gly Asn Met Asn Asn Phe Glu Thr Leu Glu Glu Cys Lys  
 130 135 140

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Asn Ile Cys Glu Asp Gly Pro Asn Gly Phe Gln Val Asp Asn Tyr Gly  
 145 150 155 160

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Thr Gln Leu Asn Ala Val Asn Asn Ser Leu Thr Pro Gln Ser Thr Lys  
 165 170 175

Val Pro Ser Leu Phe Glu Phe His Gly Pro Ser Trp Cys Leu Thr Pro  
 180 185 190

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(A) ORGANISM: Homo sapiens

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[illegible]